

X7A SAFETY CHECKLIST			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
Rev: A	Effective: 5/15/05	Page 1 of 1	Number: LS-SCL-0015
Reviewed by: Thomas McDonald		Reviewed by:	Approved by: A. Ackerman

Original signatures on file.

The only official copy of this file is the one on-line in the NSLS Quality Assurance website. Before using a printed copy, verify that it is the most current version by checking the document effective date on the NSLS QA website.

ITEMS 3-8 ARE UPSTREAM OF X7A HUTCH

- ☐ 1. Valid Padlock Index and log, no padlocks open
- ☐ 2. Exclusion Zone (EZ #1) in place and banded.
- ☐ 3. Bremsstrahlung shield (BS #1) in place and banded. See photo.
- ☐ 4. Viewport (VP #1) on slit assembly covered with lead glass, hose clamps in place.
- ☐ 5. Bremsstrahlung shield (BS #2) in place and banded. See photo.
- ☐ 6. Viewport (VP #2) on instrument-T covered with 1/32" lead cover in place.
- ☐ 7. Bremsstrahlung shield (BS #3) in place and banded. See photo.
- ☐ 8. Viewport (VP #3) on slit assembly covered with 1/32" lead, hose clamps in place.

ITEM 9 LOCATED INSIDE OF X7A HUTCH

- ☐ 9. Lead beam-stop in hutch in place (SEE PHOTO).

USER INTERLOCKS

- ☐ A. Downstream vacuum check status lights for pump #7A-2 on crossover panel by saw-tooth wall. This pump is downstream of water cooled BE window in hutch. Pump should be on and green lights showing.
- ☐ B. In line-valve open, Kirk key in transfer box.
- ☐ C. Helium cover gas for second Be window in hutch should be flowing through bubbler

Checked by: _____ Date: _____

OPCO: _____ Date: _____